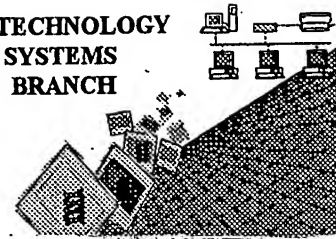


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/055,569
Source: OIPE
Date Processed by STIC: 8/12/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/055,569

DATE: 08/12/2002

TIME: 14:54:18

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Output Set: N:\CRF4\08122002\J055569.raw

3 <110> APPLICANT: Gangolli, Esha A
4 Spytek, Kimberly A
5 Gilbert, Jennifer
6 Casman, Stacie
7 Blalock, Angela
8 Li, Li
9 Vernet, Corine
10 Shenoy, Suresh
11 Mishra, Vishnu S
12 Furtak, Katarzyna
13 Gerlach, Valerie L
14 Edinger, Shlomit
15 Malyanker, Uriel
16 Stone, David
17 Millet, Isabelle
18 Smithson, Glennnda
19 Gunther, Erik
20 Ellerman, Karen
21 Padigar, Muralidhara
22 Taupier Jr., Raymond J
23 Anderson, David W
25 <120> TITLE OF INVENTION: Novel Human Proteins, Polynucleotides Encoding Them and
26 Methods of Using the Same
28 <130> FILE REFERENCE: 21402-191
30 <140> CURRENT APPLICATION NUMBER: 10/055,569
C--> 31 <141> CURRENT FILING DATE: 2002-08-06
33 <150> PRIOR APPLICATION NUMBER: 60/243,642
34 <151> PRIOR FILING DATE: 2000-10-26
36 <150> PRIOR APPLICATION NUMBER: 60/243,320
37 <151> PRIOR FILING DATE: 2000-10-26
39 <150> PRIOR APPLICATION NUMBER: 60/243,592
40 <151> PRIOR FILING DATE: 2000-10-26
42 <150> PRIOR APPLICATION NUMBER: 60/243,681
43 <151> PRIOR FILING DATE: 2000-10-27
45 <150> PRIOR APPLICATION NUMBER: 60/243,863
46 <151> PRIOR FILING DATE: 2000-10-27
48 <150> PRIOR APPLICATION NUMBER: 60/244,443
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51 <150> PRIOR APPLICATION NUMBER: 60/245,029
52 <151> PRIOR FILING DATE: 2000-11-01
54 <150> PRIOR APPLICATION NUMBER: 60/244,995
55 <151> PRIOR FILING DATE: 2000-11-01
57 <150> PRIOR APPLICATION NUMBER: 60/245,293

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/055,569

DATE: 08/12/2002

TIME: 14:54:18

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 66 <150> PRIOR APPLICATION NUMBER: 60/262,994
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 76 <151> PRIOR FILING DATE: 2001-03-15
 78 <150> PRIOR APPLICATION NUMBER: 60/318,119
 79 <151> PRIOR FILING DATE: 2001-09-07
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ERRORED SEQUENCES

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 3398 <213> ORGANISM: Homo sapiens
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 3407 Trp Gly Pro Ser Ser Ser Leu Met Thr Glu Ile Ala Asp Leu Thr Tyr
 3408 35 40 45
 3410 Asn Val Val Ala Phe Ser Glu Ile Met Ser Met Val Trp Lys Arg Leu
 3411 50 55 60
 3413 Asn Asp His Gly Lys Asn Trp Arg His Val Tyr Lys Ala Leu Thr Leu
 3414 65 70 75 80
 3416 Leu Asp Tyr Leu Ile Lys Thr Gly Ser Glu Arg Val Ala Gln Gln Cys
 3417 85 90 95
 3419 Arg Glu Asn Ile Phe Ala Ile Gln Thr Leu Lys Asp Phe Gln Tyr Ile
 3420 100 105 110
 3422 Asp Arg Asp Gly Lys Asp Gln Gly Ile Asn Val Arg Glu Lys Ser Lys
 3423 115 120 125
 3425 Gln Leu Val Ala Leu Leu Lys Asp Glu Glu Arg Leu Lys Ala Glu Arg
 3426 130 135 140
 3428 Ala Gln Ala Leu Lys Thr Lys Glu Arg Met Ala Gln Val Ala Thr Gly
 3429 145 150 155 160
 3431 Met Gly Ser Asn Gln Ile Thr Phe Gly Arg Gly Ser Ser Gln Pro Asn
 3432 165 170 175
 3434 Leu Ser Thr Ser His Ser Glu Gln Glu Tyr Gly Lys Ala Gly Gly Ser

See p. 5 for explanation

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PATENT APPLICATION: US/10/055,569

DATE: 08/12/2002

TIME: 14:54:18

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Output Set: N:\CRF4\08122002\J055569.raw

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3446 Arg Arg Gly Asp Asp Leu Arg Leu Gln Met Ala Leu Glu Glu Ser Arg
3447          245          250          255
3449 Arg Asp Thr Val Lys Ile Pro Lys Lys Lys Glu His Gly Ser Leu Pro
3450          260          265          270
3452 Gln Gln Thr Thr Leu Leu Asp Leu Met Asp Ala Leu Pro Ser Ser Gly
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3455 Pro Ala Ala Gln Lys Ala Glu Pro Trp Gly Pro Ser Ala Ser Thr Asn
3456          290          295          300
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3459 305          310          315          320
3461 Pro Trp Pro Ser Phe Gly Thr Lys Pro Ala Ala Ser Ile Asp Pro Trp
3462          325          330          335
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3465          340          345          350
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3470 Ser Asp Ala Trp Gly Ala Val Ser Thr Thr Lys Pro Val Ser Val Ser
3471          370          375          380
3473 Gly Ser Phe Glu Leu Phe Ser Asn Leu Asn Gly Thr Ile Lys Asp Asp
3474 385          390          395          400
3476 Phe Ser Glu Phe Asp Asn Leu Arg Thr Ser Lys Lys Thr Ala Glu Ser
3477          405          410          415
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3480          420          425          430
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3485 Arg Lys Thr Pro Glu Ser Phe Leu Gly Pro Asn Ala Ala Leu Val Asn
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3491 Pro Phe Leu Ala Pro Gly Ala Pro Ala Asn Ser Ala Pro Val Asn Pro
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3495          500          505          510
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3498          515          520          525
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3501          530          535          540
3503 Leu Gly Ala Thr Gly Ser Ser Leu Thr Pro Leu Gly Pro Ala Met Met
3504 545          550          555          560
3506 Asn Met Val Gly Ser Val Gly Ile Pro Pro Ser Ala Ala Gln Ala Thr
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RAW SEQUENCE LISTING

DATE: 08/12/2002

PATENT APPLICATION: US/10/055,569

TIME: 14:54:18

Input Set : A:\Cura-491.app

Output Set: N:\CRF4\08122002\J055569.raw

3509 Gly Thr Thr Asn Pro Phe Leu Leu

3510 580

VARIABLE LOCATION SUMMARY

DATE: 08/12/2002

PATENT APPLICATION: US/10/055,569

TIME: 14:54:20

Input Set : A:\Cura-491.app

Output Set: N:\CRF4\08122002\J055569.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:44; Xaa Pos. 475

VERIFICATION SUMMARY

DATE: 08/12/2002

PATENT APPLICATION: US/10/055,569

TIME: 14:54:20

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L:31 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:3488 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:44